

FILE COPY

Hazardous Waste Compliance Monitoring Log

File

1. EPA ID: <u>WA D 0 9 3 6 3 9 9 4 6</u>		4. HANDLER TYPE: <input checked="" type="checkbox"/> MAJOR <input type="checkbox"/> NON-MAJOR						
2. HANDLER NAME: <u>Boeing Developmental Ctr.</u>								
3. ADDRESS: <u>Seattle</u>								
5. DATE OF INITIAL EVALUATION WHICH IS THE BASIS FOR THIS REPORT:	<u>02/24/84</u> H D Y SEQUENCE # _____							
6. TYPE OF EVALUATION COVERED BY THIS REPORT:	<input checked="" type="checkbox"/> EVALUATION INSPECTION <input type="checkbox"/> RECORD REVIEW <input type="checkbox"/> FOLLOW-UP <input type="checkbox"/> SAMPLING INSPECTION <input type="checkbox"/> SPECIAL INSPECTION							
7. DATE OF EVALUATION COVERED BY THIS REPORT (enter only if different from 5):	<u>02/24/84</u> H D Y SEQUENCE # _____							
8. AREA AND CLASS OF VIOLATION (enter number of violations by area and class): Action <u>A</u> <u>X</u> <u>X</u>	Class of Violation	Area of Violation						
		GMM	CI/PC	Fin. Res.	Pt. B	Comp. Sched.	Other	Manifest
	I						<u>99</u> <u>0</u>	
	II							
III								
INSPECTOR/LEAD AGENCY:		<u>CAG</u> / <input checked="" type="checkbox"/> STATE <input type="checkbox"/> EPA <input type="checkbox"/> JOINT <input type="checkbox"/> CONTRACTOR/EPA <input type="checkbox"/> CONT./STATE <input type="checkbox"/> OTHER						
COMMENTS: Sequence # _____ <u>In compliance</u>								
REVIEWER: <u>[Signature]</u>		DATE: <u>3-28-84</u>		CONCURRENCE: <u>[Signature]</u>		DATE: <u>3/30/84</u>		
HWDMS DATA CODING:		<input checked="" type="checkbox"/> INITIAL CODING <u>3/26/84</u> <input checked="" type="checkbox"/> COMPLIANCE CODING <u>499A</u> OPERATOR _____						

RCRA/WAC 173-303 DANGEROUS WASTE
COMPLIANCE CHECKLIST/QUESTIONNAIRE

Industry name and address:

Date:

2-24-84

BOEING DEVELOPMENTAL CTR

9725 E MARGINAL WAY S

SEATTLE, WA

EPA/State Identification Number:

WAD093639946

County: KING

Zip: 98108

Telephone: (206) 655-7650

Physical Location of Facility (if different than above):

Facility Contact(s) Present During Inspection		
Name	Title	Phone No.
<u>DAVE GORD</u>	<u>HAZ WST MGR</u>	<u>575-7660</u>
<u>DAVE WEEKS</u>	<u>FAC ENGR</u>	<u>655-²¹⁷⁰7650</u>

Inspected by:

CHARLES A GREGORY JR
(Printed)

885-1900
(Phone Number)

I. Notification, Part A and Core Information

1. Notification filed: yes Date: Aug 80
2. Part A application filed: yes Date: Nov 80
3. Classified as: Generator ☒ Disposal facility ☐
- Transporter ☐ Transfer facility ☐
- Treatment facility ☐ Recycler ☐
- Storage facility ☒ Other ☐

Comments:

4. Have any changes in Notification or Part A been filed? no Date(s): _____
5. Does facility generate a solid waste(s) or receive a solid waste as defined by WAC 173-303-040? yes
6. Is this waste(s) designated under WAC 173-303, and not RCRA? no
7. Under what section, in WAC 173-303, are waste(s) designated?
- a. Discarded Chemical Products (081) _____
 - b. Dangerous Waste Sources (082) ✓
 - c. Dangerous Waste Mixtures (084) _____
 - d. Toxic Dangerous Wastes (101) _____
 - e. Persistent Dangerous Wastes (102) _____
 - f. Carcinogenic Dangerous Wastes (103) _____
 - g. Dangerous Waste Characteristics (090)
 - (1) Ignitability ✓
 - (2) Corrosivity ✓
 - (3) Reactivity _____
 - (4) EP Toxicity _____

Remarks: _____

8. Dangerous Wastes listed on Part A application, or for generators, dangerous wastes generated.

	<u>D.W. No.</u>	<u>Amount</u>	<u>Waste Description</u>	<u>Disposal Method</u>
a.	<u>F001</u>			<u>Contractor</u>
b.	<u>F002</u>			
c.	<u>F003</u>			
d.	<u>F005</u>			
e.	<u>F007</u>			
f.	<u>F009</u>			
g.				

See attached Annual Report

↓

9. Have these wastes been analyzed for determination of degree of hazard?

yes

If so, by whom?

In plant Chemical Labs

10. Has facility petitioned, through RCRA 260.22 or WAC 173-303-910(3), to remove designation from a waste?

NO

If yes, explain:

11. This facility: ☒ Complies ☐ Does not comply with Interim Status Standards.

Comments:

acid & Caustic tanks moved since
last inspection approx 100' so that additional
could be added; Some tanks used, east
was less than 50% of new facility
WAC 173-303-820 (3e). Barrel storage area
small but well managed
NO Violation

Signature of Inspector:

Charles Gregory

II. Standards Applicable to GENERATORS of Dangerous
Waste - RCRA 262/WAC 173-303-170 to 230

- | | <u>Yes</u> | <u>No</u> |
|---|-------------------------------------|-------------------------------------|
| 1. Does generator transport its own waste? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| a. Is waste ever given to "outside" contractor? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| EPA/State I.D. No: <u>WAD000812909</u> | | |
| (Contractor(s)) | | |
| Name and address: <u>CHEMPRO</u> | | |
| <u>734 S LUCILLE ST</u> | | |
| <u>SEATTLE WA</u> | | |
| <u>98108</u> | | |

Note: (If facility transports own waste, look at standards applicable to transporters, section III)

- | | | |
|---|-------------------------------------|--------------------------|
| 2. Is generator following RCRA/WAC 173-303 manifest system? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| a. Is signature of, and date of acceptance by transporter obtained prior to transport? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| b. Does generator retain one copy of manifest in accordance with WAC 173-303-180(3), Manifest Procedures? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| c. Are manifests (signed by the generator, transporter, and designated disposal facility) kept for a minimum of three years (WAC 173-303-210(1))? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Does generator operate a specific area for container handling or storage? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| If yes, describe: <u>Covered, zumped</u> | | |
| <u>Storage area</u> | | |
| a. Does generator comply with the requirements set forth in WAC 173-303-200 governing on-site waste accumulation: | | |
| (1) Labeling and marking | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| (2) Dating | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| (3) Inspections (must be done weekly for containers) WAC 173-303-630(8)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

- | | <u>Yes</u> | <u>No</u> |
|--|-------------------------------------|--------------------------|
| b. Are incompatible wastes or other materials segregated? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is entity familiar with Generator Reporting Procedures, (WAC 173-303-220)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| a. Annual Reports (WAC 173-303-220(1)) | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| b. Exception Reports (WAC 173-303-220(2)) | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| c. Spills and Discharges into the Environment (WAC 173-303-145) | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Is generator aware of and complying with regulations concerning the preparation of Dangerous Waste for transport? | | |
| a. Packaging: 49 CFR 173, 178, 179, and with requirements of UTC and WSP | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| b. Labeling: 49 CFR 172 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| c. Marking: 49 CFR 172 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| d. Placarding: 49 CFR 172 Subpart F | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

NOTE: Containers with \leq 110 gallons of Dangerous Waste must be marked with the following or essentially equivalent, words and information, displayed in accordance with 49 CFR 172.304:

DANGEROUS WASTE - State and Federal Law prohibits improper disposal. If found, contact the nearest police or public safety authority, and the Washington State Department of Ecology or the U.S. Environmental Protection Agency.

Generator's Name and Address

Manifest Document No. _____

Comments: _____

Yes No

6. Are any wastes generated at this facility being transported or stored prior to being recycled, reclaimed, or recovered (WAC 173-303-120)?

✓

a. If yes, what are they?

by contractor

- b. Do they exhibit any of the Dangerous Waste characteristics?

✓

Note: If not, they are regulated.

7. Does generator store dangerous waste over 90 days for either transport, treatment or disposal?

✓

If yes, what are they?

(if yes, go to IV, Standards for TSD Facilities)

8. Does generator follow the operating procedures for containers as outlined in WAC 173-303-160, containers?

✓

i.e. Triple rinsing, resulting in less than 1% volume or 1 inch product remaining.

9. Preparedness and Prevention (WAC 173-303-200(6)).

a. Is an emergency communication system readily available in areas where wastes are stored or handled (WAC 173-303-340)?

✓

b. Are portable fire extinguishers, fire control equipment, spill control equipment, and decontamination equipment readily available (WAC 173-303-340(1)(c))?

✓

c. Have arrangements been made with local police, fire departments, and emergency response teams to familiarize them with the facility layout and the properties of the dangerous wastes handled (WAC 173-303-340(4))?

✓

Comments:

Have own Security forces & fire Dept

Yes No

10. Contingency Plan and Emergency Coordinator
(WAC 173-303-200(6)).

- a. Does the facility have a Contingency Plan which is designed to minimize the consequences of any unplanned release of Dangerous Waste (WAC 173-303-350)? ✓ _____
- b. Does the facility have an Emergency Coordinator, and if so, their name Officer in charge of security
- c. Is this Emergency Coordinator, or his designee, familiar with the requirements stated in WAC 173-303-360, Emergencies? ✓ _____
- d. Does contingency plan contain a list of all emergency equipment, its location(s), and a brief outline of its capabilities (WAC 173-303-350(3)(e))? ✓ _____

If not, explain: _____

11. Personnel Training (RCRA 262.34(a)(5))

- a. Does facility have a training program that instructs facility personnel in such a way that ensures compliance with RCRA and WAC 173-303? ✓ _____
- (1) Do facility personnel participate in an annual review of the training provided in the training program? ✓ _____
- (2) Does the program include training in the following areas, where applicable?
- (a) Procedures for using, inspecting, repairing, and replacing facility emergency and monitoring equipment. ✓ _____
- (b) Key parameters for automatic waste feed cut-off systems. ✓ _____
- (c) Communications or alarm systems. ✓ _____
- (d) Response to fire or explosions. ✓ _____
- (e) Response to ground water contamination. n/a _____
- (f) Shut down of operations. ✓ _____

Yes No

b. Does facility have a written training plan which includes the following documents and records:

- (1) For each position related to dangerous waste management; the job title, job description (including qualifications), and the name of the employee. ✓
- (2) A written description of the type and amount of both introductory and continuing training for that position. ✓
- (3) Records documenting that facility personnel have received and completed the training required by WAC 173-303-330. ✓

Comments: Corporate policy

RCRA/WAC 173-303 DANGEROUS WASTE
COMPLIANCE CHECKLIST/QUESTIONNAIRE

N/A

III. Standards Applicable to TRANSPORTERS of Dangerous Waste,
RCRA 263/WAC 173-303-240 to 270

- | | <u>Yes</u> | <u>No</u> |
|---|------------|-----------|
| 1. Does transporter have an EPA/state identification number? | _____ | _____ |
| 2. Is transporter aware of, and complying with manifest requirements under RCRA 263.20 and WAC 173-303-180? | _____ | _____ |
| a. Before transporting a Dangerous Waste does transporter date and sign manifest? | _____ | _____ |
| b. Does transporter return a signed copy of manifest to generator? | _____ | _____ |
| c. Does transporter retain one copy of the manifest after delivery in accordance with WAC 173-303-260? | _____ | _____ |
| d. Does the transporter give the remaining copies of the manifest to the accepting transporter or designated disposal facility? | _____ | _____ |
| e. Does transporter obtain a signature of next transporter or designated facility? | _____ | _____ |
| f. Is the generator notified if the waste (or part of it) cannot be delivered to the assigned site? | _____ | _____ |
| g. Are manifests (signed by the generator, transporter, and designated disposal facility) kept for a minimum of three years (WAC 173-303-160(1))? | _____ | _____ |

Comments: _____

Yes No

N/A

3. In the event of a spill or discharge during transport, does the transporter comply with the requirements set forth in RCRA 263.30 and WAC 173-303-270, discharges during transport?
- a. Give notice to generator?
- b. Give notice to the National Response Center (800-424-8802) if required by 49 CFR 171.15?
- c. Report in writing, as required by 49 CFR 171.16, to the Director, Office of Hazardous Materials Regulations, Materials Transportation Bureau, Department of Transportation, Washington, D.C. 20590.

Comments:

RCRA/WAC 173-303 DANGEROUS WASTE
COMPLIANCE CHECKLIST/QUESTIONNAIRE

IV. Standards Applicable to Dangerous Waste TREATMENT, STORAGE
and DISPOSAL Facilities, WAC 173-303-280 to 395

- | | <u>Yes</u> | <u>No</u> |
|--|-------------------------------------|-------------------------------------|
| 1. Has facility obtained an EPA/state identification number? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Are dangerous wastes accepted from "outside" sources (wastes not generated on site)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| a. If yes, has a chemical and physical analysis of a representative sample been obtained in accordance with RCRA 265.13 and WAC 173-303-300? | <input type="checkbox"/> | <input type="checkbox"/> |
| b. Does the facility confirm that each Dangerous Waste received at the facility matches the identity of the waste on the manifest? | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Has facility obtained a detailed <u>chemical</u> , physical, and/or biological analysis of his waste prior to storing, treating, or disposing of it (WAC 173-303-300(2))? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Describe: _____ | | |
| _____ | | |
| 4. Does the facility follow a Written Waste Analysis Plan containing: | | |
| a. Parameters to be tested? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| b. Methods of analysis? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| c. Methods to obtain representative samples? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| d. Testing frequency? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Comments: parameters & procedures followed by on-site
chemical labs

Yes No

5. Security

- a. Have site owner/operators taken appropriate measures to ensure against unauthorized entry? ✓
- (1) Are signs posted at each entrance to active portion, and at other locations, in sufficient numbers to be seen by any approach? ✓
- (2) Are they legible from a distance of 25 feet or more? ✓
- (3) Does the facility have a 24-hour surveillance system or Artificial or natural barrier/or combination of both, to control access to the active portion? ✓

6. Are incompatible wastes segregated to ensure against accidental ignition, fuming, etc. (WAC 173-303-395)? ✓

- a. Are ignitable or reactive wastes kept a minimum of 50 feet away from the site property line? ✓
- b. Is this compliance with WAC 173-303-395 documented in the operating record? ✓
- c. Are yearly inspections carried out where ignitable or reactive wastes are stored? ✓
- d. Is their inspector familiar with the Uniform Fire Code, or is he a local, state, or Federal Fire Marshal?

Company Fire Chief

Comments: _____

	<u>Yes</u>	<u>No</u>
7. Has the facility a written inspection schedule (RCRA 265.15/WAC 173-303-320(2))?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
a. Does it include inspecting all:		
Monitoring equipment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Safety and emergency equipment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Security devices?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Detection equipment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Dangerous waste storage areas?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Is this inspection schedule maintained at the facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Is an inspection log maintained?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(1) Is the log, or its summary, kept at the facility for at least three years from the date of inspection?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. <u>Operating Record</u>		
a. Does the owner/operator of the facility maintain an operating record at the facility (RCRA 265.73/WAC 173-303-380))?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Does the record contain the following information:		
(1) A description of, and the quantity of each Dangerous Waste received, and the method(s) and date(s) of its treatment, storage, or disposal at the facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(2) The location of each Dangerous Waste within the facility, and its quantity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(3) A map showing disposal sites?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(4) Summary reports and details of all incidents that require implementing the Contingency Plan?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Comments: _____

Operating Record (Continued)

Yes No

(5) Records and results of inspections as required by WAC 173-303-360(2)(d), General Inspection (need only be kept three years)?

✓

(6) All closure and ~~post closure~~ cost estimates required for the facility?

✓

(7) The results of testing and waste analysis?

✓

9. Facility Reporting Procedures (WAC 173-303-390)

a. Has the owner/operator prepared and submitted a single copy of the Annual Report to the WDOE by March 1 of each year?

✓

(The report form and instructions in Facilities Report Form - Part B must be used for this report, and is available from the department.)

b. Is owner/operator familiar with requirements for unmanifested reports, if applicable?

✓

c. Is owner/operator familiar with procedures for emergencies (WAC 173-303-360(2))?

✓

10. Closure and Post-Closure

a. Has the facility developed a closure plan which outlines all necessary steps to safely close the facility (RCRA 265.112)?

✓

Does it contain the following:

(1) A description of how and when the facility will be partially closed (if applicable) and finally closed?

✓

(2) An estimate of the maximum inventory of wastes in storage and in treatment at any time during the life of the facility?

✓

(3) A description of the steps needed to decontaminate the facility equipment during closure?

✓

Comments: _____

11. Financial Requirements (RCRA 265.140)

- a. Has owner/operator prepared a written estimate of the cost of closing the facility in accordance with the closure plan (RCRA 265.112)?

✓

- (1) Is this cost estimate annually adjusted?

✓

- b. Has owner/operator established financial assurance for the closure of the facility (RCRA 265.143)?

✓

- (1) By what method has this been achieved:

- a. Trust fund
- b. Surety bond
- c. Letter of credit
- d. Insurance
- e. Financial test or corporate guarantee
- f. Multiple mechanisms

if so, state methods used operating expense
in budget for the year of closure

- (2) Has owner/operator submitted a copy of financial assurance to Regional Administrator (or WDOE)?

✓

- (3) Is wording of the financial assurance statement identical to that specified in RCRA 264.151 (a) (1) Trust fund

see (b)

- (b) Surety bond
- (c) Letter of credit
- (d) Insurance
- (e) Financial test
- (f) Corporate guarantee
- 265.143 (g) Multiple Financial Mechanism

Note: (Ask for copy of assurance statement if department does not have one.)

- c. Has the owner or operator of the Hazardous Waste treatment storage, or disposal facility obtained and maintained liability insurance for sudden occurrences in the amount of at least \$1 million per occurrence with an annual aggregate of at least \$2 million?

✓

Yes No

- d. Has the owner or operator of the Hazardous Waste treatment, storage, or disposal facility obtained and maintained liability insurance for nonsudden occurrences in the amount of at least \$3 million per occurrence with an annual aggregate of at least \$6 million?

✓ _____

12. Financial Requirements for Post-Closure Care (RCRA 265.144)
(Disposal Facilities Only)

N/A

- a. Has owner/operator prepared a written estimate of the cost of post-closure monitoring and maintenance of the facility (RCRA 265.144)?

(1) Is this cost estimate annually adjusted?

- b. Has owner/operator established financial assurance for the post-closure care of the facility (RCRA 265.145)?

(1) By what method has this been achieved:

- a. Trust fund _____
- b. Surety bond _____
- c. Letter of credit _____
- d. Insurance _____
- e. Financial test or
corporate guarantee _____
- f. Multiple mechanisms _____

if so, state methods used _____

Comments: _____

Yes No

N/A

(2) Has owner/operator submitted a copy of financial assurance to Regional Administrator (or WDOE)?

(3) Is wording of the financial assurance statement identical to that specified in RCRA 264.151 (a) (1) Trust fund

(b) Surety bond

(c) Letter of credit

(d) Insurance

(e) Financial test

(f) Corporate guarantee

265.145 (g) Multiple Financial Mechanism

(4) Has owner/operator satisfied the financial assurance requirements by using a mechanism that takes into account both closure and post-closure care (RCRA 265-140)?

if so, state method(s) used _____

Comments: _____

Yes No

13. Management of Containers (RCRA 265.170/WAC 173-303-630,
Final Status)

- a. Are container storage areas inspected weekly for leaks and container deterioration (RCRA 265.174)?
- b. If systems are ~~un~~covered, do they have positive drainage control and sufficient capacity to contain 110 percent of the volume of the largest container, (final status)?
- c. If the facility stores EHW, is it protected from the elements by means of a building or other protected covering (final status)?
- d. Are containers marked or labeled in a manner equivalent to 49 CFR 172 subpart E?

☒

☒

☒

☒

Comments: _____

Yes No

14. Tanks (RCRA 265.190)

- a. Do tanks on the facility hold DW or EHW? ✓ _____

If so, what are their contents? alkaline

& acid & contaminated H₂O

- b. If applicable, are tanks protected from accelerated corrosion, erosion, or abrasion through the use of: ~~_____~~

Inner liners ✓ _____

Coating _____

Other _____

- c. Are Dangerous Waste storage tanks operated in a manner which minimizes the possibility of overfilling? ✓ _____

How:

Waste feed cut-off _____

Bypass system to another tank _____

High level alarm _____

Other Visual _____

- d. Are tanks used for holding Dangerous Waste inspected on a routine basis (RCRA 265.194)?

For:

Overfilling equipment ✓ once/day

Monitoring equipment _____ once/day

Tank integrity (above ground) ✓ once/week

- e. Are tanks cleaned of all dangerous waste prior to being taken out of service or re-use? ✓ _____

Comments: _____

Yes No

N/A

15. Surface Impoundments

- a. Are the surface impoundments designed and operated to allow two feet of freeboard?

If not, explain _____

- b. Is there a leachate detection, collection and removal system for impoundment?

- c. Does the surface impoundment contain a liner system to prevent discharge into the land during the life of the impoundment?

If so, what type _____

- d. Are the surface impoundments so located to meet the buffer zone requirements of WAC 170-303-520?

- e. Are earthen dikes kept free of perennial woody plants and burrowing animals?

- f. Do earthen dikes have a protective cover which minimizes erosion (grass, rock, shale)?

- g. Are the surface impoundments inspected on a routine basis?

(1) Surface impoundments carrying free liquids _____ once/day

(2) Surface impoundments including dikes, berms, and vegetation _____ once/week

- h. Are ignitable or reactive wastes held in a surface impoundment (RCRA 265.229)?

Comments: _____

Yes No

N/A

16. Waste Piles (RCRA 265.250)

- a. Are dangerous wastes held in piles? _____

If yes, describe _____

- b. Is the waste pile(s) designed to prevent wind or water dispersion (where applicable)? _____

- c. Is leachate or run-off dangerous per WAC 173-303? _____

If so, what are its properties? _____

- (1) Is run-on diverted from waste pile(s)? _____

- (2) Do waste pile(s) have a containment system? _____

- (3) Does containment system consist of leachate and run-off collection and control system? _____

If yes, describe: _____

- (4) Is leachate treated and/or discharged via point source? _____

How is it treated? _____

- (5) Is the base of the pile lined or is it located on an impermeable base? _____

- d. Are ignitable, reactive, or incompatible wastes held in waste piles? _____

If so, refer to RCRA 265.256 and 265.257.

Comments: _____

Yes No

N/A

17. Land Treatment (RCRA 265.271/WAC 173-303-400(3)(iv))

a. Are dangerous wastes treated through land farming? _____

If yes, describe: _____

b. Has waste analysis been done (RCRA 265.13)? _____

c. Is analytical data covering land farmed dangerous waste available? _____

(1) Does this information include metals data relating to the EP toxicity test (RCRA 265.273(a))? _____

d. Are all dangerous land farmed wastes treatable? _____

e. Is run-on diverted away from the active portions of the land farm? _____

f. Is run-off from active portions:

Collected? _____ Treated? _____

g. Are food chain crops grown on the land farm? _____

If yes, describe: _____

h. Are records kept which state application dates, rates, quantities, and location of each dangerous waste in the land farm? _____

i. Does the owner/operator have a written and active unsaturated zone monitoring plan (RCRA 265.278)? _____

(1) Does this plan:

(a) Detect the vertical migration of hazardous waste and hazardous waste constituents under the active portion of the land treatment facility? _____

(b) Provide information on the background concentrations of the hazardous waste and hazardous waste constituents in similar but untreated soils nearby? _____

Yes

No

N/A

- (2) Is the owner/operator familiar with the requirements of this plan set forth in RCRA 265.278?

Comments:

<u>Yes</u>	<u>No</u>
	<u>N/A</u>

18. Landfills (RCRA 265.300/WAC 173-303-400(ii), also applies to waste piles used as a disposal site)

a. Are dangerous wastes disposed of by landfill? _____

If yes, describe: _____

b. Is owner/operator familiar with WAC 173-303-400(3)(c)(ii)? _____

"An owner/operator shall not landfill an organic carcinogen or an extremely hazardous waste, except at Hanford"

c. Is run-on diverted away from the landfill? _____

d. Is run-off collected from the landfill? _____

(1) Is run-off from the landfill a designated waste? _____

If so, how is it treated? _____

e. Is a detailed map of the fill maintained which identifies the location of the dangerous waste? _____

f. Has the owner/operator reviewed closure/post-closure regulations (RCRA 265.310) e.g. final cover, erosion and infiltration control? _____

g. If liquid wastes are placed in landfill, is the owner/operator fully aware of the requirements set forth in RCRA 265.314? _____

Comments: _____

Yes No

N/A

19. Ground Water Monitoring (RCRA 265.90/
WAC 173-303-400(3)(c)(v))

a. Has the owner/operator implemented a ground water monitoring plan? _____

b. Was this ground water monitoring plan implemented because the facility had:

(1) Surface impoundments? _____

(2) Land treatment operations? _____

(3) Landfills? _____

(4) Other _____

Describe: _____

c. Does the ground water monitoring program consist of at least one upgradient and three downgradient wells? _____

d. Has a written well monitoring program been developed (RCRA 265.92)? _____

(i) At what frequency are samples collected for:

(a) Ground water quality _____ annually

(b) Ground water contamination _____ semiannually

e. May the department have a copy of your ground water monitoring plan? _____

Comments: _____

Yes No
N/A

20. Incinerators (RCRA 265.340)

- a. Are dangerous wastes disposed of via incinerators? _____
- b. Is the incinerator brought up to a steady state condition prior to adding waste? _____
- c. Are records of operation kept? _____
- d. How often is waste analysis conducted to verify that the waste feed to the incinerator is within the physical and chemical composition limits specified in the permit? _____
- e. Does the owner/operator have a written inspection plan? _____
- . If so, does it include the following?
 - (1) Combustion controls _____ 15 minutes during incineration (RCRA 265.347(a)(1)).
 - (2) Temperature, wastefeed rate, airfeed rate _____ continuous.
 - (3) Plume _____ hourly.
 - (4) Complete incinerator and associated equipment _____ daily.

Comments: _____

Yes No

N/A

21. Thermal Treatment (RCRA 265.370)

- a. Do dangerous wastes undergo thermal treatment? _____

If so, specify: _____

- b. Is the thermal treatment system brought up to a steady state condition using auxiliary fuel? _____

- c. Does the owner/operator have a written inspection schedule? _____

- d. Is the treatment unit inspected during operation in accordance with RCRA 265.377? _____

Does he inspect the:

(1) Operating controls every 15 minutes? _____

(2) Stack plume emissions every hour? _____

(3) Complete unit daily? _____

22. Underground Injection (RCRA 265.430/
WAC 173-303-400(c)(3)(iii))

N/A

- a. Are dangerous wastes disposed of via underground injection? _____

If so, specify: _____

- b. Is the owner/operator familiar with the requirements set forth in RCRA 265.340 and Chapter 90.45 RCW, Water Pollution Control Act? _____

Comments: _____

FORM 4 GENERATOR ANNUAL DANGEROUS WASTE REPORT FOR 1983

11. GENERATOR EPA/STATE IDENTIFICATION NUMBER	FOR OFFICIAL USE ONLY (ITEMS I. AND II.)	I. DATE RECEIVED (Month, Day, Year)	-	-	19
WAD093630946		II. RECEIVED BY			

12. TSD FACILITY'S EPA/STATE IDENTIFICATION NUMBER

WAD000812917

14. TSD FACILITY ADDRESS (STREET OR P.O. BOX, CITY, STATE & ZIP CODE)

Pier 91
Seattle, WA

13. TSD FACILITY NAME

Chemical Processors, Inc.

15. TRANSPORTER(S) USED (Include EPA/State I.D. number, name, and address)

Resource Recovery WAD 061 672 812
 Chem Pro - Seattle WAD 000 812 909
 United Drain Oil WAD 069 552 586
 Gasoline Tank Services WAD 000 643 536

Crosby + Overton WAT 540 010 071

16. WASTE IDENTIFICATION

LINE	Physical State	Chemical Nature	A. DESCRIPTION OF WASTE	B. DANGEROUS WASTE NUMBER (see instructions)	C. Waste Designation DW or EHW	D. AMOUNT OF WASTE				E. WEIGHT CODE
	S=Solid L=Liquid G=Sludge	O=Organic I=Inorganic								
1	L	O	Oils, Oily Water & Emulsified Coolants	D001	DW				85880	P
2	L	I	Water contaminated with nickel & chrome	D007	DW				220000	P
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

17. COMMENTS (ENTER INFORMATION BY SECTION AND/OR LINE NUMBER—SEE INSTRUCTIONS)

FORM 4 GENERATOR ANNUAL DANGEROUS WASTE REPORT FOR 1983

11. GENERATOR EPA/STATE IDENTIFICATION NUMBER	FOR OFFICIAL USE ONLY (ITEMS I. AND II.)	I. DATE RECEIVED (Month, Day, Year)	-	-	1	9
✓ AD093639946		II. RECEIVED BY				
12. TSD FACILITY'S EPA/STATE IDENTIFICATION NUMBER	14. TSD FACILITY ADDRESS (STREET OR P.O. BOX, CITY, STATE & ZIP CODE)					
✓ AD020257945	1701 Alexander St. Tacoma, WA 98421					
13. TSD FACILITY NAME						
Chemical Processors, Inc						
15. TRANSPORTER(S) USED (Include EPA/State I.D. number, name, and address)						

See pg. 2

16. WASTE IDENTIFICATION

LINE	Physical State	Chemical Nature	A. DESCRIPTION OF WASTE	B. DANGEROUS WASTE NUMBER (see instructions)	C. Waste Designation DW or EHW	D. AMOUNT OF WASTE				E. WEIGHT CODE			
	S=Solid L=Liquid G=Sludge	O=Organic I=Inorganic											
1	L	I	Mixed Acids from electroplating operations	D002	EHW			5	0	6	0	0	P
2	L	I	Mixed Caustics from Cleaning Operations	D002	EHW			4	4	0	0	0	P
3	L	I	Paint Booth Sludge	D007	DW			1	0	9	6	0	P
4	L	I	Water contaminated with Chrome & Nickel	D007	DW			5	4	6	3	5	P
5													
6													
7													
8													
9													
10													
11													
12													

17. COMMENTS (ENTER INFORMATION BY SECTION AND/OR LINE NUMBER—SEE INSTRUCTIONS)

FORM 4

GENERATOR ANNUAL DANGEROUS WASTE REPORT FOR 1983

11. GENERATOR EPA/STATE IDENTIFICATION NUMBER

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(ITEMS I. AND II.)I. DATE RECEIVED
(Month, Day, Year)

- - - 1 9 -

II. RECEIVED BY

12. TSD FACILITY'S EPA/STATE IDENTIFICATION NUMBER

A D 0 0 0 8 1 2 9 0 9

14. TSD FACILITY ADDRESS (STREET OR P.O. BOX, CITY, STATE & ZIP CODE)

734 Lucile St.
Seattle, WA 98108

13. TSD FACILITY NAME

Chemical Processors, Inc.

15. TRANSPORTER(S) USED (Include EPA/State ID, number, name, and address)

See pg. 2

5. WASTE IDENTIFICATION

LINE	Physical State	Chemical Nature	A. DESCRIPTION OF WASTE	B. DANGEROUS WASTE NUMBER (see instructions)	C. Waste Designation DW or EHW	D. AMOUNT OF WASTE				E. WEIGHT CODE
	S=Solid L=Liquid G=Sludge	O=Organic I=Inorganic								
1	L	I	Cyanide Plating Solutions	F 0 0 7	EHW				5600	P
2	L G	O	Non-halogenated & Ignitable Solvents	F 0 0 3 D 0 0 1 F 0 0 5	EHW				23336	P
3	L, G, S	I	Corrosive Liquids, Solids & Sludges from electroplating operations	D 0 0 2	EHW				33440	P
4	L, G, S	O	Oily Waters, Oily Rags, Grinding Sludges	D 0 0 1	DW				29920	P
5										
6										
7										
8										
9										
10										
11										
12										

17. COMMENTS (ENTER INFORMATION BY SECTION AND/OR LINE NUMBER—SEE INSTRUCTIONS)

FORM 4

GENERATOR ANNUAL DANGEROUS WASTE REPORT FOR 1983

11. GENERATOR EPA/STATE IDENTIFICATION NUMBER

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(ITEMS I. AND II.)

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12. TSD FACILITY'S EPA/STATE IDENTIFICATION NUMBER

14. TSD FACILITY ADDRESS (STREET OR P.O. BOX, CITY, STATE & ZIP CODE)

RD089	452353	
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13. TSD FACILITY NAME

Chem-Security, Inc.

Star Route
Arlington, OR 97812-9709

15. TRANSPORTER(S) USED (include EPA/State I.D. number, name, and address)

See pg. 2

LINE	Physical State	Chemical Nature	A.	B.	C.	D.	E.
	S=Solid L=Liquid G=Gaseous	O=Organic I=Inorganic	DESCRIPTION OF WASTE	DANGEROUS WASTE NUMBER (see instructions)	Waste Designation DW or EHW	AMOUNT OF WASTE	WEIGHT CODE
1	L,G	I	Waste Caustic - Chemical Milling Solutions	D003	EHW	154552	P
2							
3							
4							
5							
6							
7							
8							
9							
0							
1							
2							

7. COMMENTS (ENTER INFORMATION BY SECTION AND/OR LINE NUMBER—SEE INSTRUCTIONS)